Borko Bošković

List of Publications by Year
in descending order

38	4,161	840119 11	887659 17
papers	citations	h-index	g-index

39	39	39	2651
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Low Autocorrelation Binary Sequences: Best-Known Peak Sidelobe Level Values. IEEE Access, 2021, 9, 67713-67723.	2.6	2
2	Self-adaptive Differential Evolution Algorithm with Population Size Reduction for Single Objective Bound-Constrained Optimization: Algorithm j21. , 2021, , .		10
3	Differential Evolution Algorithm for Single Objective Bound-Constrained Optimization: Algorithm j2020. , 2020, , .		31
4	Two-phase protein folding optimization on a three-dimensional AB off-lattice model. Swarm and Evolutionary Computation, 2020, 57, 100708.	4.5	5
5	The 100-Digit Challenge: Algorithm jDE100. , 2019, , .		51
6	A Heuristic Algorithm for a Low Autocorrelation Binary Sequence Problem With Odd Length and High Merit Factor. IEEE Access, 2018, 6, 4127-4134.	2.6	17
7	Improved Differential Evolution for Large-Scale Black-Box Optimization. IEEE Access, 2018, 6, 29516-29531.	2.6	14
8	Protein folding optimization using differential evolution extended with local search and component reinitialization. Information Sciences, 2018, 454-455, 178-199.	4.0	17
9	Low-autocorrelation binary sequences: On improved merit factors and runtime predictions to achieve them. Applied Soft Computing Journal, 2017, 56, 262-285.	4.1	12
10	Clustering and differential evolution for multimodal optimization. , 2017, , .		9
11	Single objective real-parameter optimization: Algorithm jSO. , 2017, , .		213
12	On asymptotic complexity of the optimum Golomb ruler problem: From established stochastic methods to self-avoiding walks. , 2017, , .		2
13	iL-SHADE: Improved L-SHADE algorithm for single objective real-parameter optimization. , 2016, , .		94
14	Genetic algorithm with advanced mechanisms applied to the protein structure prediction in a hydrophobic-polar model and cubic lattice. Applied Soft Computing Journal, 2016, 45, 61-70.	4.1	26
15	Differential evolution for protein folding optimization based on a three-dimensional AB off-lattice model. Journal of Molecular Modeling, 2016, 22, 252.	0.8	13
16	Adaptation in the Differential Evolution. Adaptation, Learning, and Optimization, 2015, , 53-68.	0.5	4
17	The usage of differential evolution in a statistical machine translation. , 2014, , .		3
18	Some Improvements of the Self-Adaptive jDE Algorithm. , 2014, , .		14

#	ARTICLE	IF	CITATIONS
19	Real Parameter Single Objective Optimization using self-adaptive differential evolution algorithm with more strategies. , 2013, , .		23
20	Differential evolution and differential ant-stigmergy on dynamic optimisation problems. International Journal of Systems Science, 2013, 44, 663-679.	3.7	62
21	Performance tuning of Java EE application servers with multi-objective differential evolution. , 2013, , .		4
22	Self-adaptive differential evolution algorithm with a small and varying population size. , 2012, , .		32
23	Differential evolution for parameterized procedural woody plant models reconstruction. Applied Soft Computing Journal, 2011, 11, 4904-4912.	4.1	37
24	History mechanism supported differential evolution for chess evaluation function tuning. Soft Computing, 2010, 15, 667-683.	2.1	11
25	An improved self-adaptive differential evolution algorithm in single objective constrained real-parameter optimization. , 2010, , .		24
26	Dynamic optimization using Self-Adaptive Differential Evolution. , 2009, , .		107
27	Differential Evolution with Self-adaptation and Local Search for Constrained Multiobjective Optimization. , 2009, , .		53
28	High-dimensional real-parameter optimization using Self-Adaptive Differential Evolution algorithm with population size reduction. , 2008, , .		84
29	Large Scale Global Optimization using Differential Evolution with self-adaptation and cooperative co-evolution. , 2008, , .		71
30	An Adaptive Differential Evolution Algorithm with Opposition-Based Mechanisms, Applied to the Tuning of a Chess Program. Studies in Computational Intelligence, 2008, , 287-298.	0.7	9
31	An Analysis of the Control Parametersâ€™ Adaptation in DE. Studies in Computational Intelligence, 2008, , 89-110.	0.7	16
32	Differential evolution for multiobjective optimization with self adaptation. , 2007, , .		54
33	Performance comparison of self-adaptive and adaptive differential evolution algorithms. Soft Computing, 2007, 11, 617-629.	2.1	176
34	Self-Adapting Control Parameters in Differential Evolution: A Comparative Study on Numerical Benchmark Problems. IEEE Transactions on Evolutionary Computation, 2006, 10, 646-657.	7.5	2,854
35	Security issues in information systems based on open-source technologies. , 0, , .		2
36	Web information system based on open source technologies. , 0, , .		1

#	Article	IF	Citations
37	The representation of chess game. , 0, , .		2
38	Analiza sentimenta komentarjev hotelov z uporabo slovarjev in metode Naivni Bayes. , 0, , .		0